

IN THE SPECIFICATION:

Please amend the specification as follows:

Pursuant to 37 CFR § 1.121(b)(1)(iii), a marked up copy of each paragraph amended below appears on the page immediately following each amendment.

Please delete page 1, line 4 to page 1, line 22 and insert the following therefor:

-- BACKGROUND

This disclosure relates to wireless communication technology and, more particularly, to technology for enhancing the capabilities of wireless communications devices, such cellular or PCS telephones, so as to more closely approach the capabilities of personal computers, especially as those capabilities relate to the enhancement of Internet access or access to other sources of data or information.

a' In recent years the personal computer (PC) industry has witnessed a substantial change in the manner in which PCs are primarily used. During earlier stages in the rise of PC popularity, PCs were primarily looked to for their computational capacity. Subsequently, word processing, spreadsheet, database and presentation applications began to assume the forefront. Still more recently, the PC has come to be seen as a communications device, and has experienced rapidly expanding use as a communications terminal from which to send and receive electronic messages. Along these lines, consumer acquisitions of PC's have lately been stimulated by the objective of using the PC simply as an appliance to access the Internet. In this mode, much of the embedded capability of the PC lies dormant, and PC users tend to become pre-occupied with information transmission bandwidth, rather than processing power or expandability. --

Please delete page 2, line 24 to page 4, line 11 and insert the following therefor:

Q2 -- The above objects, advantages and capabilities are achieved in one aspect of the disclosure by a docking station for a wireless communications device, such as a cellular telephone. The docking station includes a support structure that includes a cradle for the wireless telephone and that exhibits a planar surface on which a display device is mounted. An internal charging circuit is coupled to a docking station power source for charging the power source. A first connector assembly couples the charging circuit to an external source of electrical energy, in an expected configuration, an AC outlet. A second connector assembly coupled to the output of the charging circuit selectively couples the charging circuit to the cellular telephone in order to recharge the cellular telephone battery. A switch selectively couples the station power source to the cellular telephone when the cellular telephone is docked, so that in the docked mode the cellular telephone operates from the station power source, while its internal battery is recharged by the docking station.

The disclosure likewise inheres in a docking station, for a wireless communication device, that comprises a docking housing having a planar first surface. A display device is mounted on the planar first surface, and a cradle disposed on the docking housing supports the wireless communication device. A connector electrically couples the docking station to the wireless communication device, so as to transmit both power and data to the device. The station is equipped with a charging circuit and a switch that selectively couples the charging circuit to an internal voltage source. In a preferred embodiment, the switch connects the charging circuit to the internal voltage source when there is not a wireless communication device docked at the station. When a wireless communication device is docked, the switch enables the charging circuit to be coupled to the wireless communication device for charging.

From an alternative perspective, the present device is an apparatus, for use in a docking station, that selectively supplies power to a communications device that is docked at the docking station. The apparatus comprises a connector for electrically coupling the docking station to the communications device. The connector has at least first and second terminals. A switch having a pole, a first terminal, and a second terminal is operable in response to status information that indicates whether a communications device is docked at the docking station. A charging circuit is coupled to the pole of the switch, and a station power source coupled to the first terminal of the switch. In addition, the apparatus includes means for determining whether a communication device is docked at the station for providing status information as a result of the determination.

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In another embodiment, the disclosure may be exploited as a method of enhancing the capabilities of a wireless communications device in information acquisition applications. According to the method, the wireless communications device, which may be a cellular telephone, is mounted on (docked at) a docking station that comprises a receptacle, in the form of a cradle, for the cellular telephone; a display device; a connector for effecting an electrical interface to the cellular telephone; a docking station power source; a charging circuit; and a switch that operates (effects predetermined connection) in response to information indicating whether a cellular telephone is docked at the station. In order to embellish the limited video display capabilities typical of cellular telephones, the video output of the cellular telephone is coupled to an enhanced display provided by the docking station. Where a cellular telephone is docked, the switch causes (i) the station power source to be coupled to the cellular telephone and (ii) the charging circuit to charge the cellular telephone battery. --

Please delete page 4, line 13 to page 4, line 24 and insert the following therefor:

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-- The subject disclosure may be better understood, and its numerous objects,

features and advantages made apparent to those skilled in the art, with reference to the accompanying Drawings, wherein:

Figure 1A is a front perspective of a docking station including a housing on which is mounted an enhanced video display and which includes a recessed cradle for a portable cellular telephone or other form of WCD;

Figure 1B is a side view of the docking station and depicts a stand for supporting the docking station in an orientation that facilitates viewing of the video display by a user;

Figure 1C is a side view of the docking station that illustrates an alternative support mechanism for the docking station, in the form of a leg assembly that is pivotally attached to the housing; and --

Please delete page 5, line 1 to page 5, line 26 and insert the following therefor:

-- DETAILED DESCRIPTION

For a thorough understanding of the subject disclosure, reference is made to the following Detailed Description, including the appended Claims, in connection with the above-described Drawings. Referring now to Figure 1, the docking station depicted therein is seen to constitute a support structure for a wireless communications device (WCD) (not shown). The WCD may be a cellular telephone, a PCS telephone, a pager, or the like. The support structure, in a preferred embodiment, assumes the form of housing 20 that is characterized by a rectangular cross-section. The housing may have approximate dimension 10" (H) x 15" (W) x 1" (D). Housing 20 has a substantially planar front surface 21 on which is mounted a flat-panel display device 22. Numerous manufacturers supply display devices of wide-ranging characteristics that are suitable

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for use in the subject disclosure. What is primarily significant here is that display device 22 provide performance characteristics, including size and resolution, that are markedly superior to the LCD displays typically incorporated with currently available WCDs. Housing 20 also exhibits a cradle 22 for a WCD. Cradle 22 is shown in Figure 1 as recessed into front surface 21 of housing 20. The precise geometry of the cradle is not deemed critical, and the salient requirement of the cradle contour is to facilitate convenient placement and reliable retention of the WCD. In general, it may be assumed that the cradle is configured to be complementary to the form of the WCD. Also exhibited in cradle 22 is an electrical connector 23. The primary purpose of connector 23 is to effect an electrical interface between the docking station and the WCD. In this regard, connector 23 contains a number of electrical contacts necessary to realize the necessary conductive connections, as specified below, between the docking station and the WCD. Therefore connector 23 will afford the number of contacts 230 *et seq.* that have the physical dimensions necessary for compatibility with a mating connector provided by the WCD. --

Please delete page 8, line 5 to page 8, line 21 and insert the following therefor:

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-- A number of approaches may be used to provide docking status information to docking detector 90, and the disclosure is not limited by specific approach adopted in a particular embodiment. For example, a docking status contact 234 may be provided on interface connector 23. The docking status information, in this context, may simply assume the form of a logic level, a signal, an impedance to GND, or the like that is detected by docking detector 90. Alternatively, the docking station may incorporate a mechanical switch that is actuated when a WCD is docked at the docking station. In accordance with this approach, the mechanical switch may be switch 60, and the need for separate docking detector is largely obviated inasmuch as the docking detection and switching functions are both performed by switch 60.

PATENT

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cont Accordingly, although there have been shown and described above illustrative embodiments of a Docking Station for a Wireless Communication Device, including what at present is considered the best mode for carrying out the disclosure, those having ordinary skill in the art will appreciate that various changes and modifications may be made without departure from the scope of the disclosure. Therefore, the disclosure is not intended to be limited by the Description above, but is to be defined by the appended Claims, and equivalents thereof. --
